

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An electronic camera comprising:

an image pickup part for capturing an image of light passing through a photo-taking lens to generate color image data;

an ambient light colorimetric part for measuring color of ambient light without passing through said photo-taking lens;

an operation member for receiving an instruction for a colorimetric timing of said ambient light from a user;

a colorimetric calculation part for obtaining a colorimetric result from said ambient light colorimetric part in synchronization with said colorimetric timing, ~~and for~~ calculating color gain that brings said colorimetric result near achromatic, and storing color gain and for storing said color gain as an amount of white balance adjustment to be carried out on an image data generated by said image pickup part; and, said color gain bringing said colorimetric result near to achromatic color; and

a white balance adjustment part for carrying out white balance adjustment of said image data with ~~the use of~~ said color gain stored in said colorimetric calculation ~~part; wherein~~

said image pickup part, said ambient light colorimetric part, said operation member, said colorimetric calculation part and said white balance adjustment part are disposed in a same housing, in which said ambient light colorimetric part is disposed on a front wall of the housing.
2. (Original) The electronic camera according to claim 1, wherein

said colorimetric calculation part holds a difference in spectral characteristics between said image pickup part and said ambient light colorimetric part as correction data, to correct an error occurring in said white balance adjustment in accordance with said correction data.

3. (Original) The electronic camera according to claim 1, wherein

said colorimetric calculation part prestores respective correspondence relations between “a colorimetric result of ambient light” and “an applicability of white balance adjustment carried out based on the colorimetric result”, and

when said colorimetric result from said ambient light colorimetric part turns out to be inadequate by referring to said correspondence relations, said colorimetric calculation part carries out “an abort of said white balance adjustment based on said ambient light” and/or gives “a warning which indicates that said ambient light is inadequate to said white balance adjustment”.

4. (Original) The electronic camera according to claim 1, further comprising

a TTL photometric part for measuring luminance of light incident on said image pickup part, and wherein

said colorimetric calculation part compares luminance of said ambient light received by said ambient light colorimetric part with the luminance of said light incident on said image pickup part, and

when a difference in said luminance is equal to or more than a predetermined threshold value, said colorimetric calculation part carries out “an abort of white balance adjustment based on ambient light” and/or gives “a warning which indicates that ambient light is inadequate to white balance adjustment”.

5. (Original) The electronic camera according to claim 1, further comprising

a TTL colorimetric part for measuring color of light incident on said image pickup part, and wherein

said colorimetric calculation part compares the colorimetric result of said ambient light received by said ambient light colorimetric part with a colorimetric result of said light incident on said image pickup part, and

when a difference in said colorimetric results is equal to or more than a predetermined threshold value, said colorimetric calculation part carries out “an abort of white balance adjustment based on ambient light” and/or gives “a warning which indicates that ambient light is inadequate to white balance adjustment”.

6. (Original) The electronic camera according to claim 1, wherein

said colorimetric calculation part obtains a plurality of colorimetric results of said ambient light from said ambient light colorimetric part to calculate an average value of said plurality of colorimetric results, and obtains color gain for white balance adjustment based on said average value of the colorimetric results.

7. (New) The electronic camera according to claim 1, wherein

said ambient light colorimetric part is disposed to orient obliquely upward on a front wall of a part of said housing in which a pentaprism is housed.